

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: HSIAO, Cheng-Fang

SERIAL NO.:

FILED: Herewith

TITLE: DRIVE SOURCE OF A CAMERA LENS

PRELIMINARY AMENDMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In conjunction with the filing of the present application, and prior to an initial Official Action on this matter, please amend the above-identified application as follows:

Preliminary Amendment: SPECIFICATION AMENDMENTS

In Paragraph [0008], please amend the paragraph as follows:

FIG. 1 shows an exploded perspective view of the present invention.

In Paragraphs [0015] to [0016], please amend the paragraphs as follows:

[0015] As shown in FIGS. 1-2, there is a drive source of camera lens embodied in the present invention ~~comprises~~.

[0016] The present invention comprises a camera lens; comprised of camera lens mount 11 and telescopic lens 12. The drive source comprises a stepper motor consisted of coil stator 21 of multiple pole teeth 22 on the surface inside the ring and magnetic ring rotor 25. The inside of camera lens mount 11 is built with coil stator 21 to place the magnetic ring rotor 25 inside the designated space 23 of the coil stator 21. The external of the telescopic lens 12 is designed with external thread 13 to screw on the internal thread 27 on the inside of the spindle 26 of the magnetic ring rotor. To operate in coordination with the limit traveler 14 outside of the telescopic lens 12 with the rotation-proof device of guide block 15 of camera lens mount 11, and rotate the magnetic ring rotor 25 under the reaction induced by the coil stator 21, the internal thread 27 of the spindle 26 drives the external thread 13 of the telescopic lens 12 for telescopic motion as shown in FIGS. 3, 4, to construct a camera lens with built-in drive source.